

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/647,112  
Applicant : ib-Rune JOHANSEN et al.  
Filed : August 25, 2003  
TC/A.U. : 2677  
Examiner : Chante E. Harrison

Docket No. : 2800-117  
Customer No. : 06449  
Confirmation No. : 3896

INFORMATION DISCLOSURE STATEMENT

January 23, 2006

Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith information that the Office may wish to consider in examination of the subject application. Materials submitted for consideration are listed on the attached form PTO-1449. Enclosed are copies of foreign patent documents, an article and the International Preliminary Report on Patentability for the corresponding foreign application PCT/NO 2004/000210.

The Information Disclosure Statement is being filed after the first Office Action. Please charge the required \$180.00 fee or additional fee in connection with this submission, to Deposit Account 02-2135. An extra copy of this page is attached for that purpose.

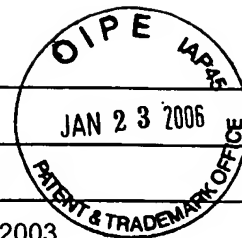
Respectfully submitted,

01/24/2006 HRL111 00000181 022135 10647112  
01 FC:1806 180.00 DA

By

Richard Wydeven  
Attorney for Applicants  
Registration No.  
ROTHWELL, FIGG, ERNST & MANBECK, p.c.  
Suite 800, 1425 K Street, N.W.  
Washington, D.C. 20005  
Telephone: (202)783-6040

Enclosure(s): 3 Foreign References; Relevant Article (3 pages); International Preliminary Report on Patentability (11 pages).



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Complete if Known</i>	
				Application Number	10/647,112
				Filing Date	August 25, 2003
				First Named Inventor	Ib-Rune JOHANSEN, <i>et al.</i>
				Group Art Unit	2677
				Examiner Name	Chante E. Harrison
				Confirmation No.	3896
Sheet	1	of	3	Attorney Docket Number	2800-117

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	1	5,448,314		HEIMBUCH, et al.	09-05-1995
	2	5,452,024		SAMPSELL	09-19-1995
	3	5,467,146		HUANG et al.	11-14-1995
	4	5,592,188		DOHERTY et al.	01-07-1997
	5	6,023,309		GOGNA et al.	02-08-2000
	6	6,053,165		BUTLER et al.	04-25-2000
	7	2001/0008470	A1	DEWALD	07-19-2001
	8	2002/0015306	A1	YAMAMOTO	02-07-2002
	9	2002/0057402	A1	UM	05-16-2002
	10	2002/0135862	A1	DEWALD	09-26-2002
	11	2002/0159033	A1	VAN GELDER, et al.	10-31-2002
	12	2002/0176055	A1	DE VAAN et al.	11-28-2002
	13	2003/0020839	A1	DEWALD	01-30-2003
	14	2003/0117592	A1	JANSSEN et al	06-26-2003

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Complete if Known</i>	
				Application Number	10/647,112
				Filing Date	August 25, 2003
				First Named Inventor	Ib-Rune JOHANSEN, <i>et al.</i>
				Group Art Unit	2677
				Examiner Name	Chante E. Harrison
				Confirmation No.	3896
Sheet	2	of	3	Attorney Docket Number	2800-117

#### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
	15	WO	00/74392	A1	JORKE	12-07-2000	AB
	16	WO	02/096123	A1	KONINKLIJKE PHILIPS ELECTRONICS NV	11-28-2002	
	17	WO	02/44673	A1	TOMRA SYSTEMS ASA	06-06-2002	
	18	EP	0 601 757	A1	XEROX CORPORATION	06-15-1994	
Examiner Signature					Date Considered		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Complete if Known</i>	
				Application Number	10/647,112
				Filing Date	August 25, 2003
				First Named Inventor	Ib-Rune JOHANSEN et al.
				Group Art Unit	2677
				Examiner Name	Harrison, Chante E
				Confirmation No.	3896
Sheet	3	of	3	Attorney Docket Number	2800-117

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	19	Ajito, et al., Multiprimary color display for liquid crystal display projectors using diffraction grating, optical engineering, Vol. 38(11) November 1999, pages 1883-1888.	
	20	International Preliminary Examining Authority, International Preliminary Report on Patentability, Patent Cooperation Treaty, Application PCT/NO 2004/000210, November 29, 2005.	
Examiner Signature			Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.